

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021423\  
 Data File : PL080906.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Feb 2023 11:48  
 Operator : AR\AJ  
 Sample : 01529-05MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SB-01-5.0-7.0MSD

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 02/15/2023  
 Supervised By : Ankita Jodhani 02/15/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 14 20:29:56 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012023.M  
 Quant Title : GC Extractables  
 QLast Update : Sun Jan 22 23:56:48 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|---------|
| -----                       |                 |       |       |          |          |         |         |
| System Monitoring Compounds |                 |       |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.350 | 2.688 | 36696983 | 36303252 | 17.109m | 16.528  |
| 28)                         | SA Decachlor... | 8.786 | 7.832 | 23243251 | 25151905 | 13.276  | 10.557  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.799 | 3.188 | 151.2E6  | 141.7E6  | 47.720  | 44.557  |
| 3)                          | MA gamma-BHC... | 4.128 | 3.517 | 139.1E6  | 134.3E6  | 47.307  | 44.947  |
| 4)                          | MA Heptachlor   | 4.711 | 3.857 | 131.2E6  | 134.4E6  | 44.384  | 42.237  |
| 5)                          | MB Aldrin       | 5.049 | 4.136 | 130.1E6  | 130.5E6  | 47.550  | 44.242  |
| 6)                          | B beta-BHC      | 4.324 | 3.813 | 60281001 | 60059914 | 44.161  | 45.001  |
| 7)                          | B delta-BHC     | 4.567 | 4.042 | 123.1E6  | 115.9E6  | 42.516  | 40.180  |
| 8)                          | B Heptachlo...  | 5.474 | 4.638 | 120.9E6  | 119.8E6  | 46.719  | 43.040  |
| 9)                          | A Endosulfan I  | 5.855 | 5.008 | 113.1E6  | 105.3E6  | 47.875  | 40.460  |
| 10)                         | B gamma-Chl...  | 5.728 | 4.887 | 124.8E6  | 122.0E6  | 49.409  | 43.058m |
| 11)                         | B alpha-Chl...  | 5.807 | 4.953 | 116.8E6  | 116.3E6  | 46.269  | 40.583  |
| 12)                         | B 4,4'-DDE      | 5.986 | 5.144 | 91718980 | 104.1E6  | 41.179  | 44.129m |
| 13)                         | MA Dieldrin     | 6.130 | 5.271 | 108.0E6  | 118.4E6  | 45.108  | 43.787m |
| 14)                         | MA Endrin       | 6.357 | 5.546 | 94185766 | 98171824 | 43.550  | 42.294  |
| 15)                         | B Endosulfa...  | 6.576 | 5.840 | 84731511 | 90057481 | 36.963  | 43.219  |
| 16)                         | A 4,4'-DDD      | 6.500 | 5.699 | 84181859 | 82620804 | 45.951  | 43.966  |
| 17)                         | MA 4,4'-DDT     | 6.812 | 5.950 | 74133877 | 73265782 | 35.681  | 34.864  |
| 18)                         | B Endrin al...  | 6.704 | 6.020 | 64891441 | 68504959 | 39.011m | 37.514  |
| 19)                         | B Endosulfa...  | 6.939 | 6.243 | 83648618 | 90082236 | 40.412  | 38.734  |
| 20)                         | A Methoxychlor  | 7.291 | 6.528 | 38768515 | 47710918 | 35.139  | 39.318  |
| 21)                         | B Endrin ke...  | 7.420 | 6.748 | 92327589 | 94272972 | 41.846  | 36.923  |
| 22)                         | Mirex           | 7.891 | 6.931 | 71381087 | 80034566 | 41.506  | 35.153  |
| -----                       |                 |       |       |          |          |         |         |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021423\  
Data File : PL080906.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Feb 2023 11:48  
Operator : AR\AJ  
Sample : 01529-05MSD  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

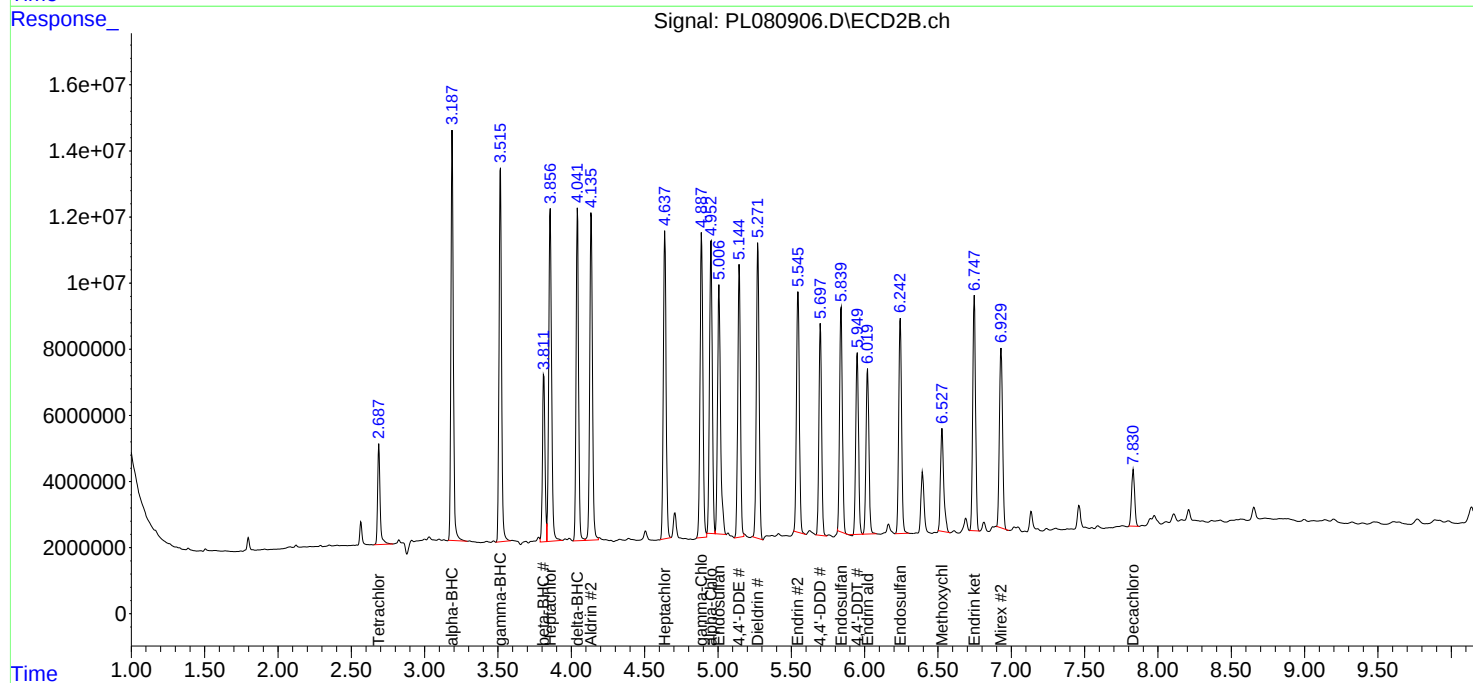
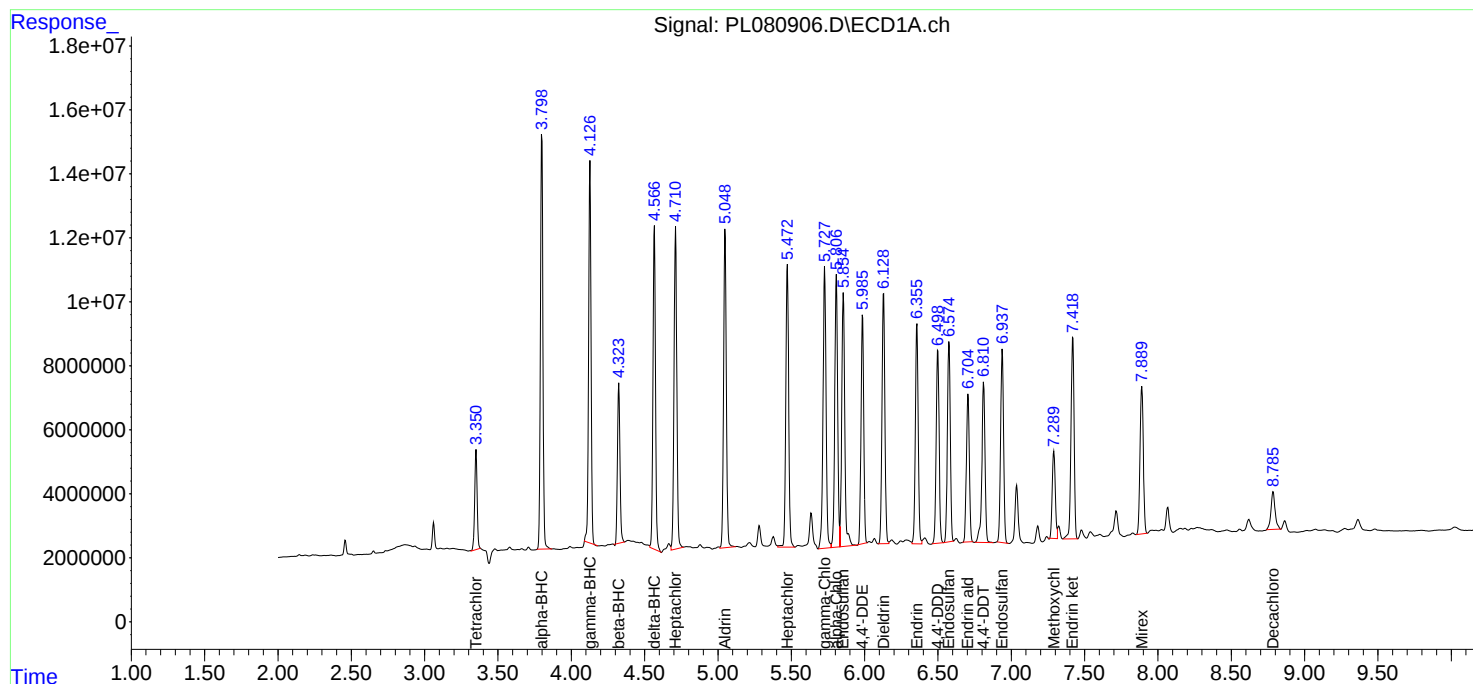
Instrument :  
ECD\_L  
ClientSampleId :  
SB-01-5.0-7.0MSD

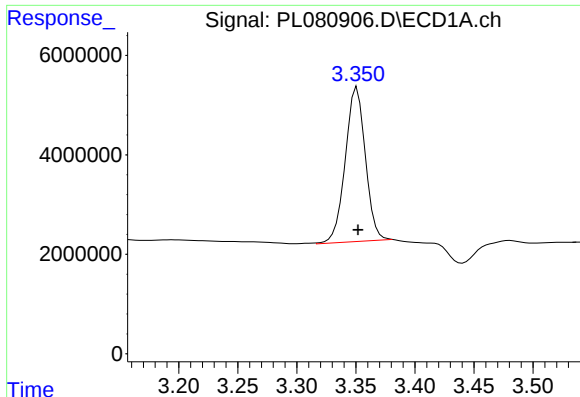
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/15/2023  
Supervised By :Ankita Jodhani 02/15/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 14 20:29:56 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012023.M  
Quant Title : GC Extractables  
QLast Update : Sun Jan 22 23:56:48 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





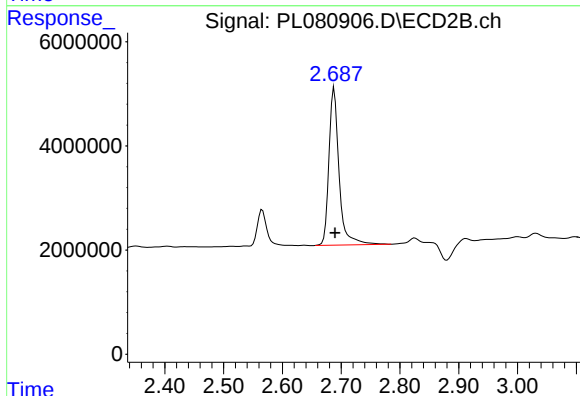
#1 Tetrachloro-m-xylene

R.T.: 3.350 min  
Delta R.T.: -0.002 min  
Response: 36696983  
Conc: 17.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-01-5.0-7.0MSD

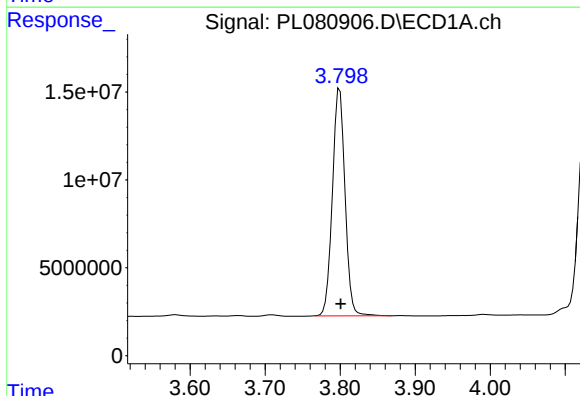
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/15/2023  
Supervised By :Ankita Jodhani 02/15/2023



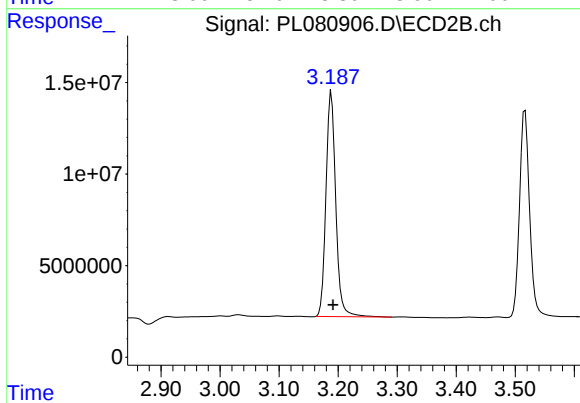
#1 Tetrachloro-m-xylene

R.T.: 2.688 min  
Delta R.T.: -0.002 min  
Response: 36303252  
Conc: 16.53 ng/ml



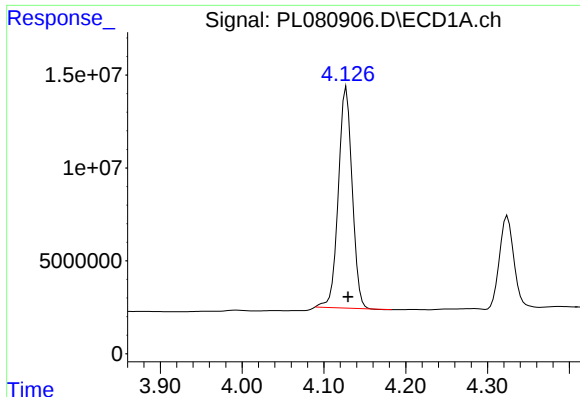
#2 alpha-BHC

R.T.: 3.799 min  
Delta R.T.: -0.001 min  
Response: 151178090  
Conc: 47.72 ng/ml



#2 alpha-BHC

R.T.: 3.188 min  
Delta R.T.: -0.003 min  
Response: 141711212  
Conc: 44.56 ng/ml



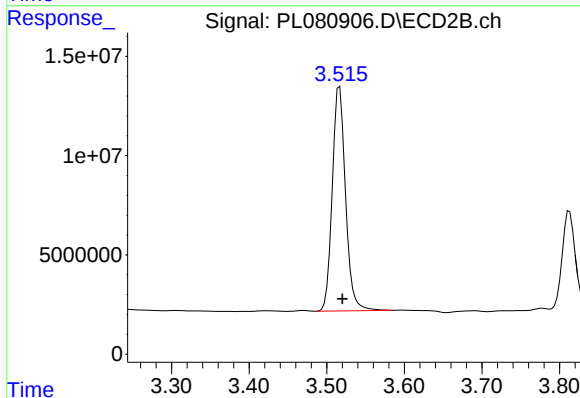
#3 gamma-BHC (Lindane)

R.T.: 4.128 min  
Delta R.T.: -0.002 min  
Response: 139072528  
Conc: 47.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-01-5.0-7.0MSD

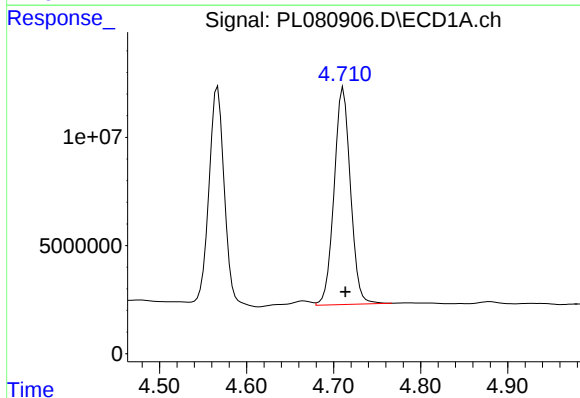
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/15/2023  
Supervised By :Ankita Jodhani 02/15/2023



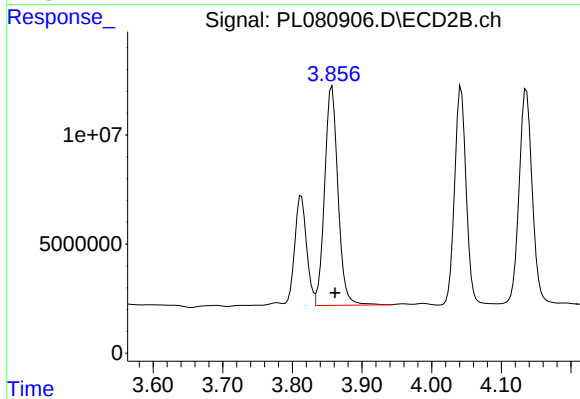
#3 gamma-BHC (Lindane)

R.T.: 3.517 min  
Delta R.T.: -0.004 min  
Response: 134269466  
Conc: 44.95 ng/ml



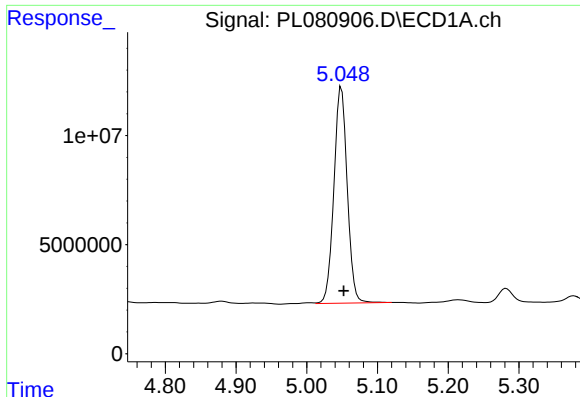
#4 Heptachlor

R.T.: 4.711 min  
Delta R.T.: -0.002 min  
Response: 131164813  
Conc: 44.38 ng/ml



#4 Heptachlor

R.T.: 3.857 min  
Delta R.T.: -0.005 min  
Response: 134414994  
Conc: 42.24 ng/ml



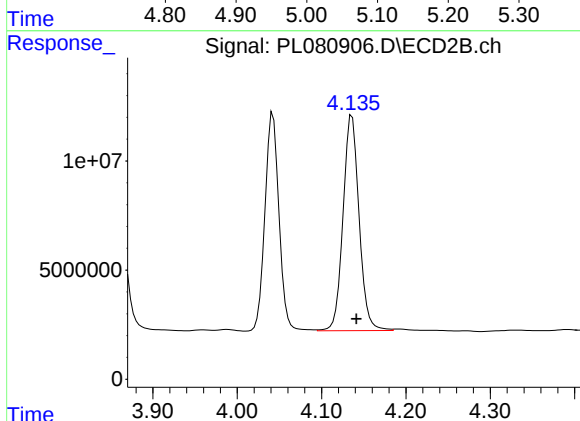
#5 Aldrin

R.T.: 5.049 min  
Delta R.T.: -0.003 min  
Response: 130085434  
Conc: 47.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-01-5.0-7.0MSD

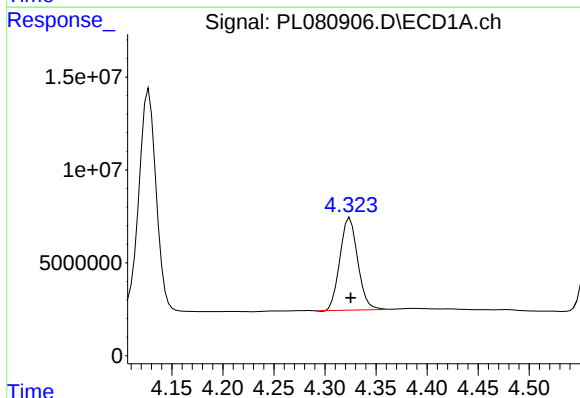
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/15/2023  
Supervised By :Ankita Jodhani 02/15/2023



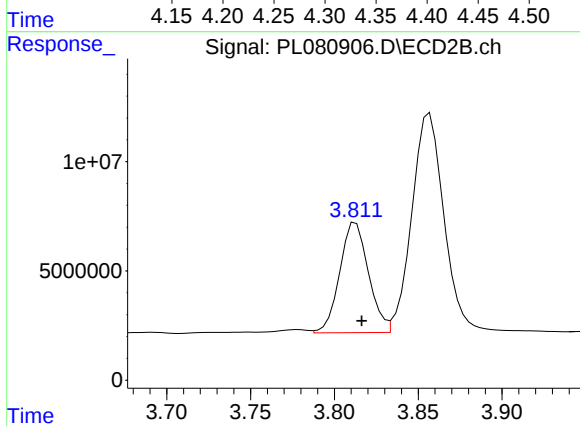
#5 Aldrin

R.T.: 4.136 min  
Delta R.T.: -0.005 min  
Response: 130495473  
Conc: 44.24 ng/ml



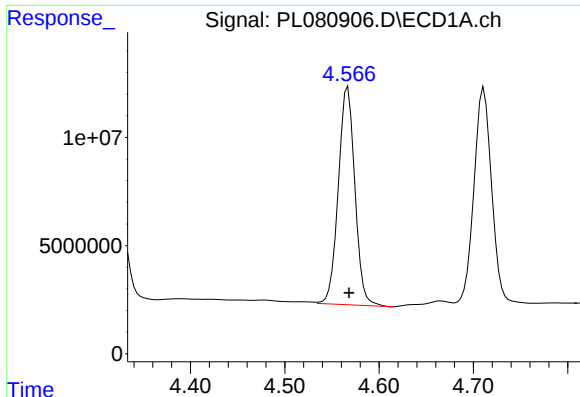
#6 beta-BHC

R.T.: 4.324 min  
Delta R.T.: 0.000 min  
Response: 60281001  
Conc: 44.16 ng/ml



#6 beta-BHC

R.T.: 3.813 min  
Delta R.T.: -0.004 min  
Response: 60059914  
Conc: 45.00 ng/ml



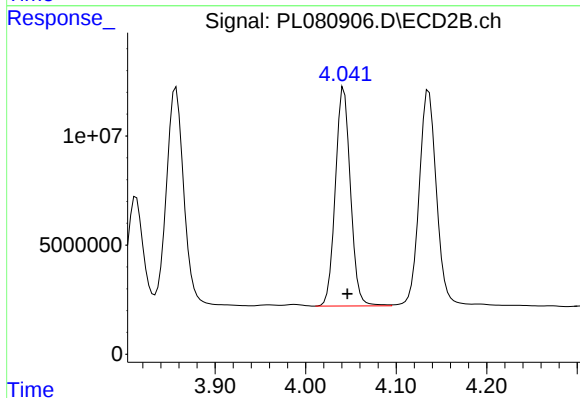
#7 delta-BHC

R.T.: 4.567 min  
Delta R.T.: -0.001 min  
Response: 123084141  
Conc: 42.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-01-5.0-7.0MSD

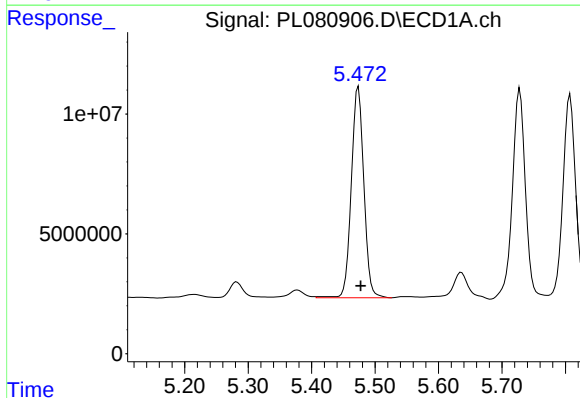
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/15/2023  
Supervised By :Ankita Jodhani 02/15/2023



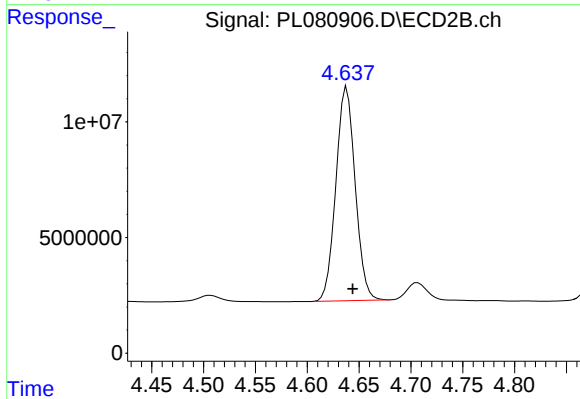
#7 delta-BHC

R.T.: 4.042 min  
Delta R.T.: -0.004 min  
Response: 115897045  
Conc: 40.18 ng/ml



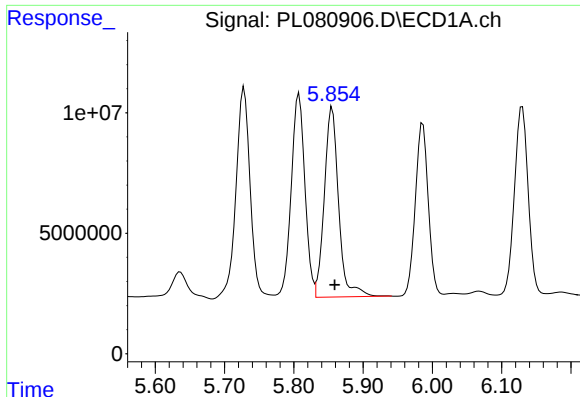
#8 Heptachlor epoxide

R.T.: 5.474 min  
Delta R.T.: -0.003 min  
Response: 120865754  
Conc: 46.72 ng/ml



#8 Heptachlor epoxide

R.T.: 4.638 min  
Delta R.T.: -0.006 min  
Response: 119751544  
Conc: 43.04 ng/ml



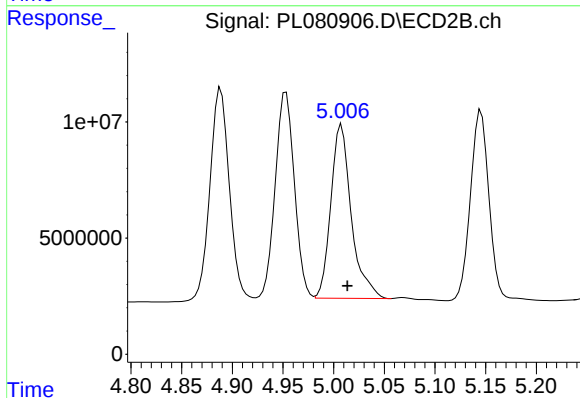
#9 Endosulfan I

R.T.: 5.855 min  
Delta R.T.: -0.004 min  
Response: 113056132  
Conc: 47.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-01-5.0-7.0MSD

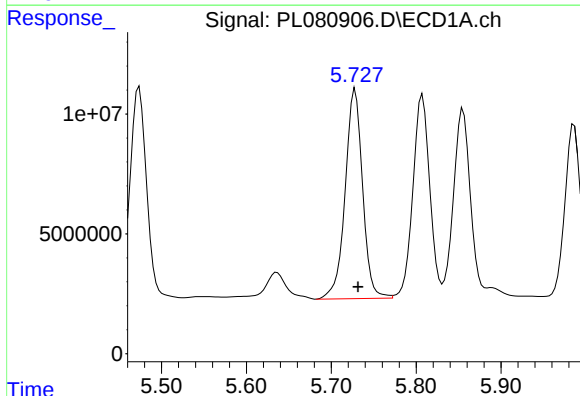
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/15/2023  
Supervised By :Ankita Jodhani 02/15/2023



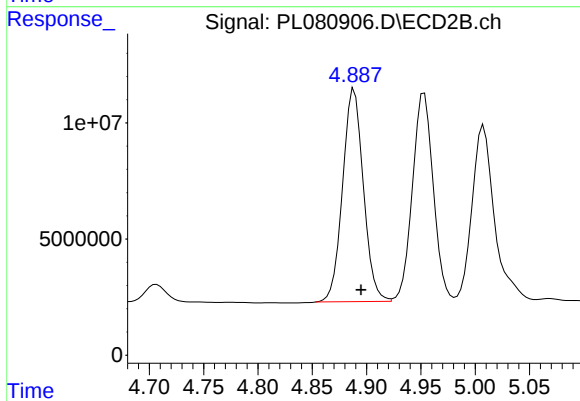
#9 Endosulfan I

R.T.: 5.008 min  
Delta R.T.: -0.006 min  
Response: 105250567  
Conc: 40.46 ng/ml



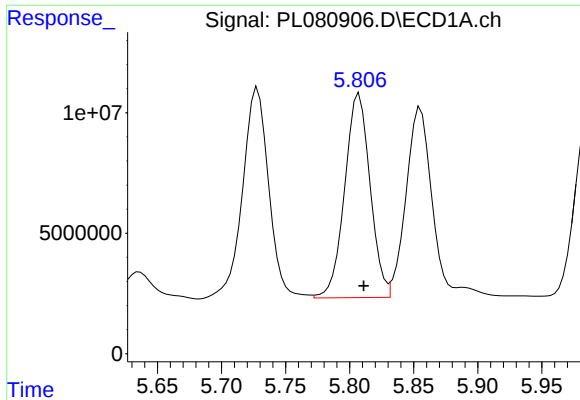
#10 gamma-Chlordane

R.T.: 5.728 min  
Delta R.T.: -0.004 min  
Response: 124793049  
Conc: 49.41 ng/ml



#10 gamma-Chlordane

R.T.: 4.887 min  
Delta R.T.: -0.007 min  
Response: 122035080  
Conc: 43.06 ng/ml m



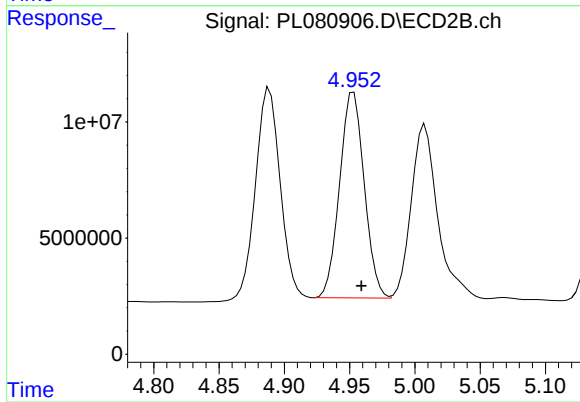
#11 alpha-Chlordane

R.T.: 5.807 min  
Delta R.T.: -0.003 min  
Response: 116796308  
Conc: 46.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-01-5.0-7.0MSD

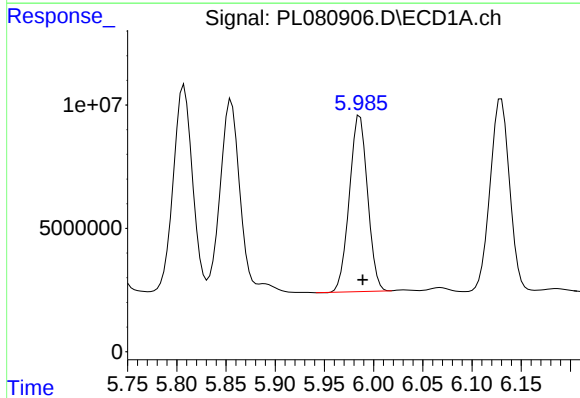
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/15/2023  
Supervised By :Ankita Jodhani 02/15/2023



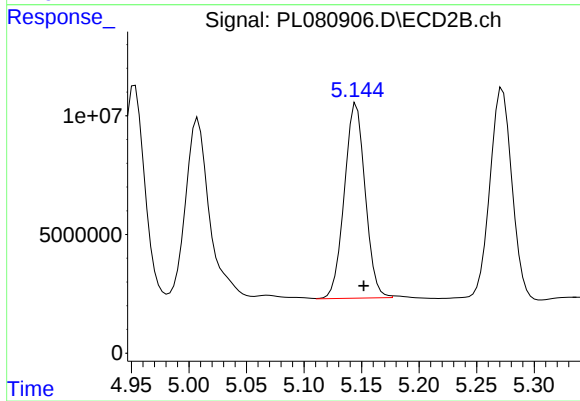
#11 alpha-Chlordane

R.T.: 4.953 min  
Delta R.T.: -0.006 min  
Response: 116258282  
Conc: 40.58 ng/ml



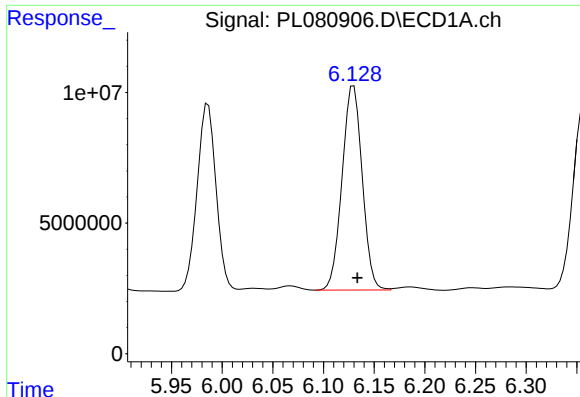
#12 4,4'-DDE

R.T.: 5.986 min  
Delta R.T.: -0.003 min  
Response: 91718980  
Conc: 41.18 ng/ml



#12 4,4'-DDE

R.T.: 5.144 min  
Delta R.T.: -0.008 min  
Response: 104093816  
Conc: 44.13 ng/ml m



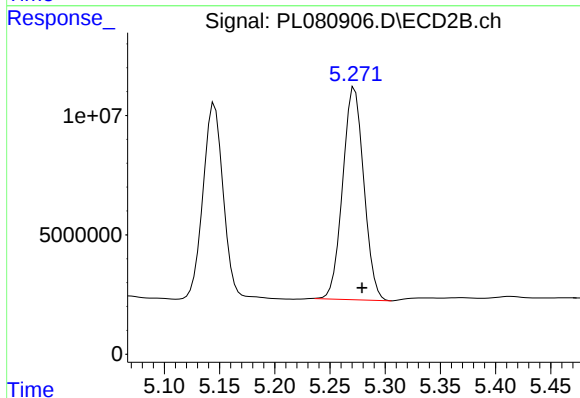
#13 Dieldrin

R.T.: 6.130 min  
Delta R.T.: -0.004 min  
Response: 107959603  
Conc: 45.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-01-5.0-7.0MSD

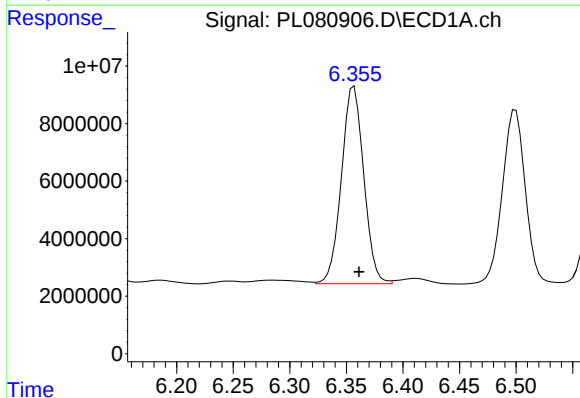
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/15/2023  
Supervised By :Ankita Jodhani 02/15/2023



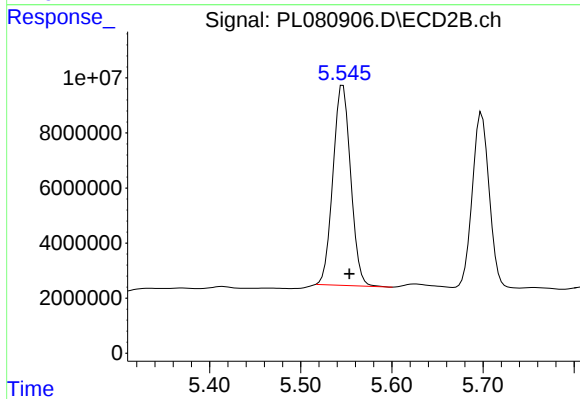
#13 Dieldrin

R.T.: 5.271 min  
Delta R.T.: -0.008 min  
Response: 118443048  
Conc: 43.79 ng/ml m



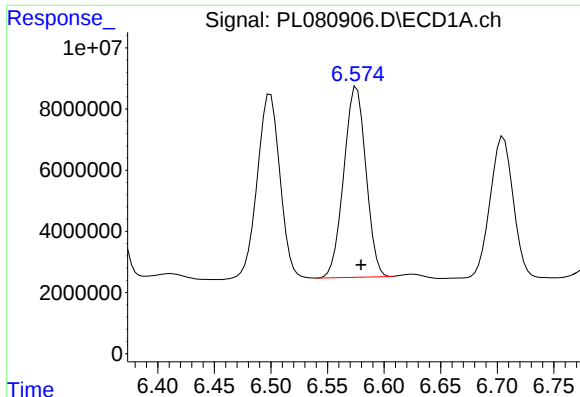
#14 Endrin

R.T.: 6.357 min  
Delta R.T.: -0.005 min  
Response: 94185766  
Conc: 43.55 ng/ml



#14 Endrin

R.T.: 5.546 min  
Delta R.T.: -0.007 min  
Response: 98171824  
Conc: 42.29 ng/ml



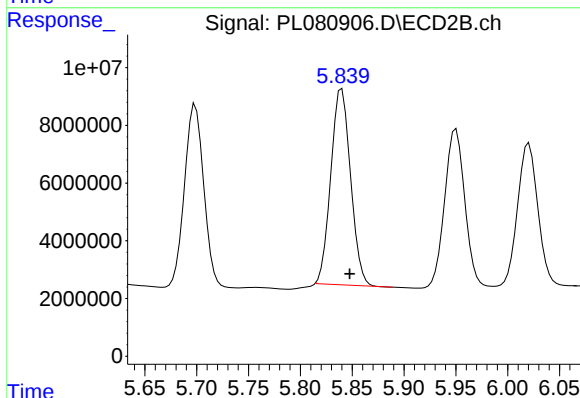
#15 Endosulfan II

R.T.: 6.576 min  
Delta R.T.: -0.004 min  
Response: 84731511  
Conc: 36.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-01-5.0-7.0MSD

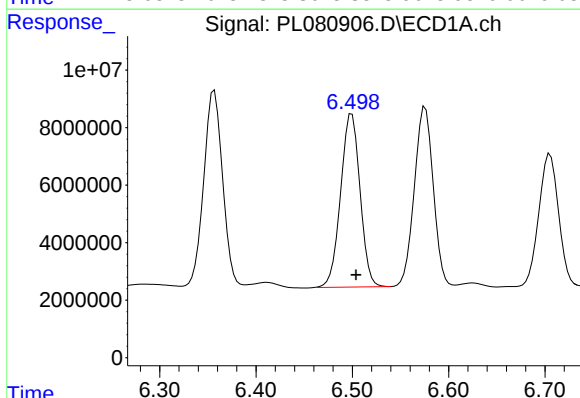
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/15/2023  
Supervised By :Ankita Jodhani 02/15/2023



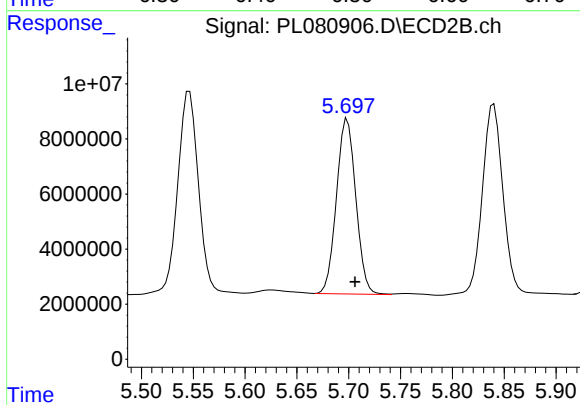
#15 Endosulfan II

R.T.: 5.840 min  
Delta R.T.: -0.008 min  
Response: 90057481  
Conc: 43.22 ng/ml



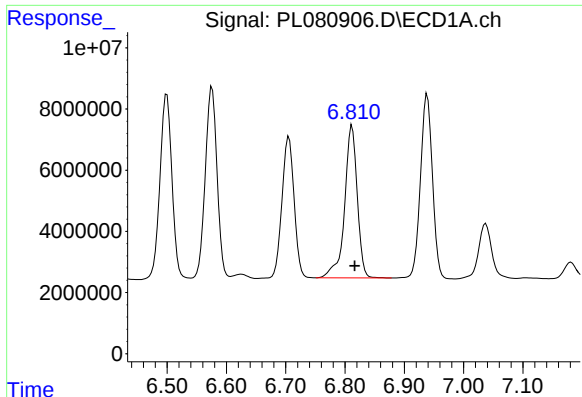
#16 4,4'-DDD

R.T.: 6.500 min  
Delta R.T.: -0.004 min  
Response: 84181859  
Conc: 45.95 ng/ml



#16 4,4'-DDD

R.T.: 5.699 min  
Delta R.T.: -0.008 min  
Response: 82620804  
Conc: 43.97 ng/ml



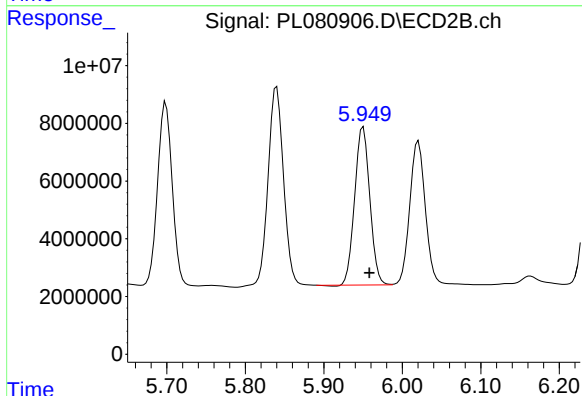
#17 4,4'-DDT

R.T.: 6.812 min  
Delta R.T.: -0.004 min  
Response: 74133877  
Conc: 35.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-01-5.0-7.0MSD

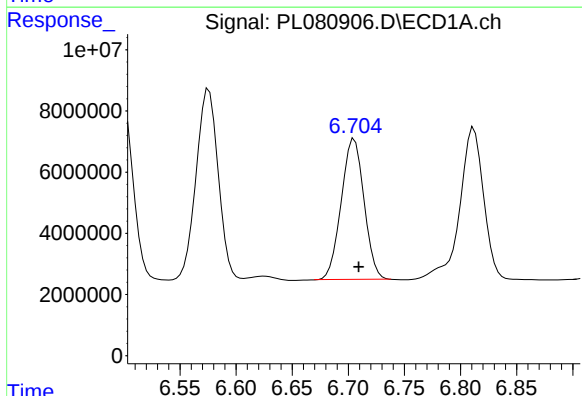
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/15/2023  
Supervised By :Ankita Jodhani 02/15/2023



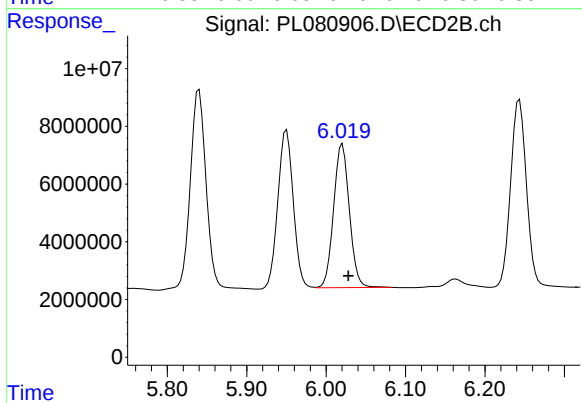
#17 4,4'-DDT

R.T.: 5.950 min  
Delta R.T.: -0.008 min  
Response: 73265782  
Conc: 34.86 ng/ml



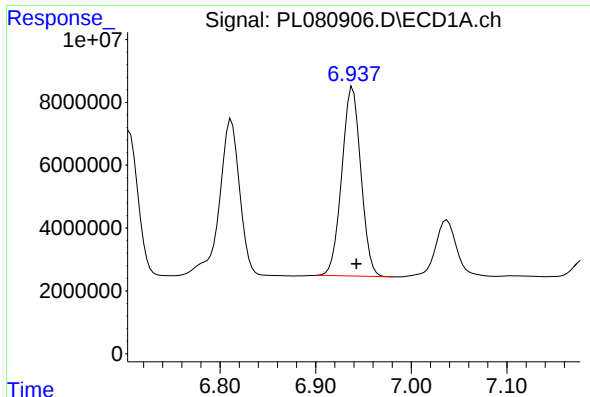
#18 Endrin aldehyde

R.T.: 6.704 min  
Delta R.T.: -0.005 min  
Response: 64891441  
Conc: 39.01 ng/ml m



#18 Endrin aldehyde

R.T.: 6.020 min  
Delta R.T.: -0.007 min  
Response: 68504959  
Conc: 37.51 ng/ml



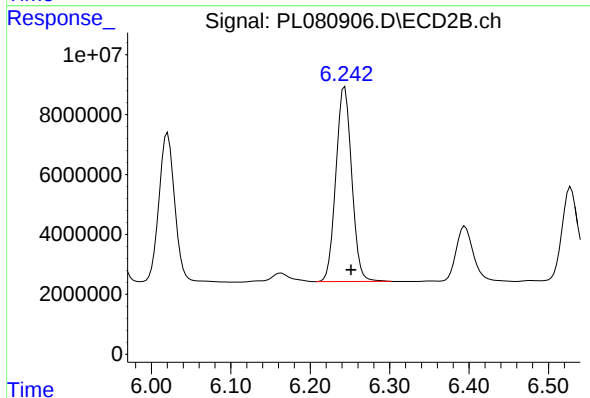
#19 Endosulfan Sulfate

R.T.: 6.939 min  
Delta R.T.: -0.004 min  
Response: 83648618  
Conc: 40.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-01-5.0-7.0MSD

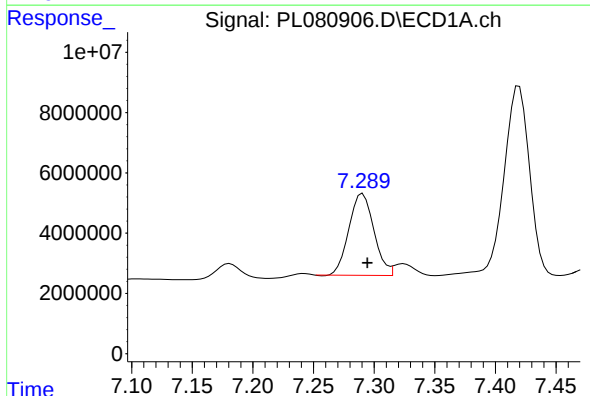
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/15/2023  
Supervised By :Ankita Jodhani 02/15/2023



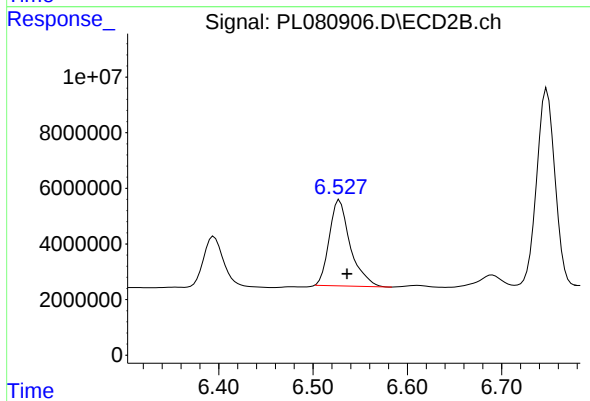
#19 Endosulfan Sulfate

R.T.: 6.243 min  
Delta R.T.: -0.008 min  
Response: 90082236  
Conc: 38.73 ng/ml



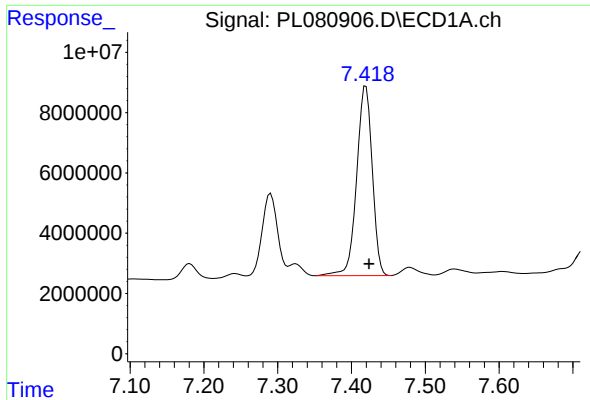
#20 Methoxychlor

R.T.: 7.291 min  
Delta R.T.: -0.004 min  
Response: 38768515  
Conc: 35.14 ng/ml



#20 Methoxychlor

R.T.: 6.528 min  
Delta R.T.: -0.008 min  
Response: 47710918  
Conc: 39.32 ng/ml



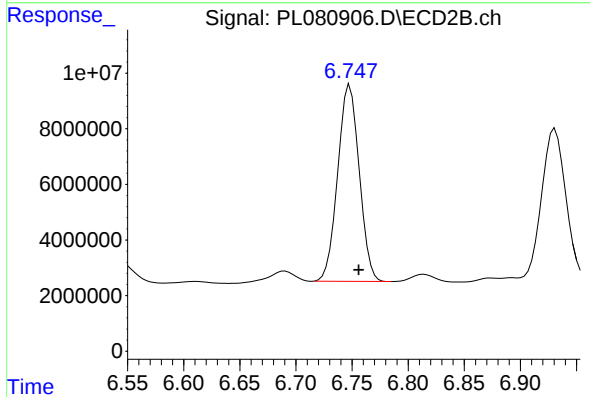
#21 Endrin ketone

R.T.: 7.420 min  
Delta R.T.: -0.004 min  
Response: 92327589  
Conc: 41.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-01-5.0-7.0MSD

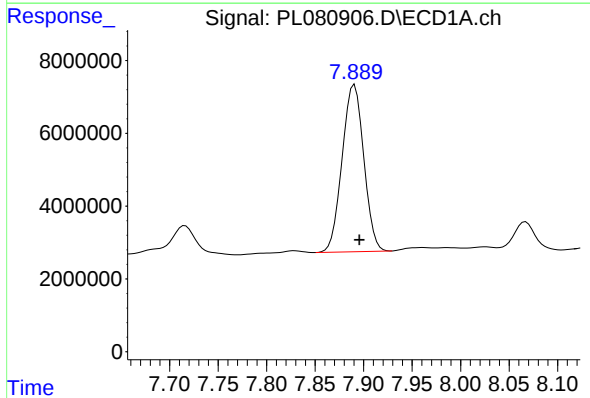
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/15/2023  
Supervised By :Ankita Jodhani 02/15/2023



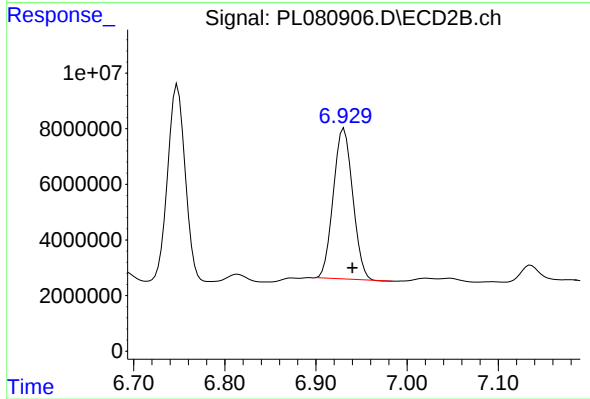
#21 Endrin ketone

R.T.: 6.748 min  
Delta R.T.: -0.008 min  
Response: 94272972  
Conc: 36.92 ng/ml



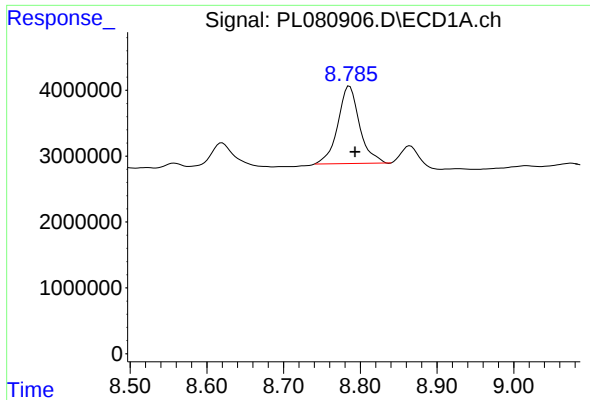
#22 Mirex

R.T.: 7.891 min  
Delta R.T.: -0.005 min  
Response: 71381087  
Conc: 41.51 ng/ml



#22 Mirex

R.T.: 6.931 min  
Delta R.T.: -0.009 min  
Response: 80034566  
Conc: 35.15 ng/ml



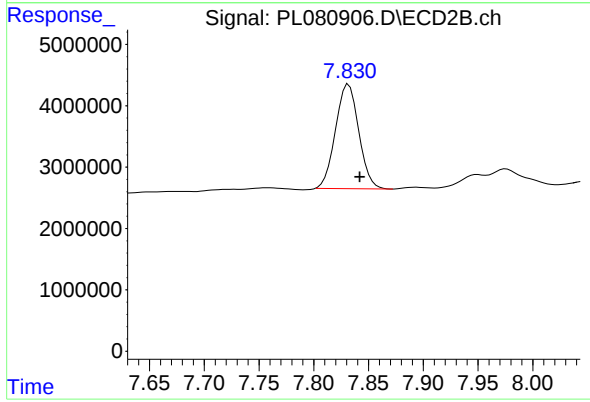
#28 Decachlorobiphenyl

R.T.: 8.786 min  
Delta R.T.: -0.007 min  
Response: 23243251  
Conc: 13.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-01-5.0-7.0MSD

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/15/2023  
Supervised By :Ankita Jodhani 02/15/2023



#28 Decachlorobiphenyl

R.T.: 7.832 min  
Delta R.T.: -0.010 min  
Response: 25151905  
Conc: 10.56 ng/ml